

Fig. 1

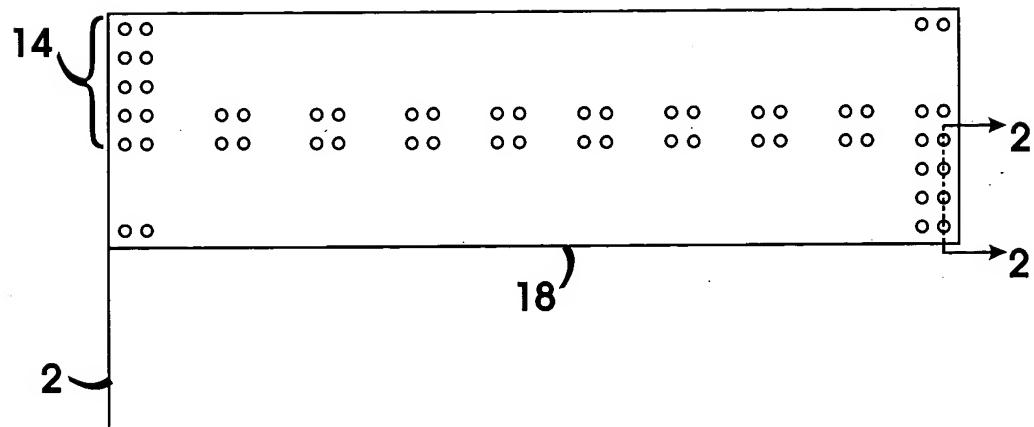


Fig. 2

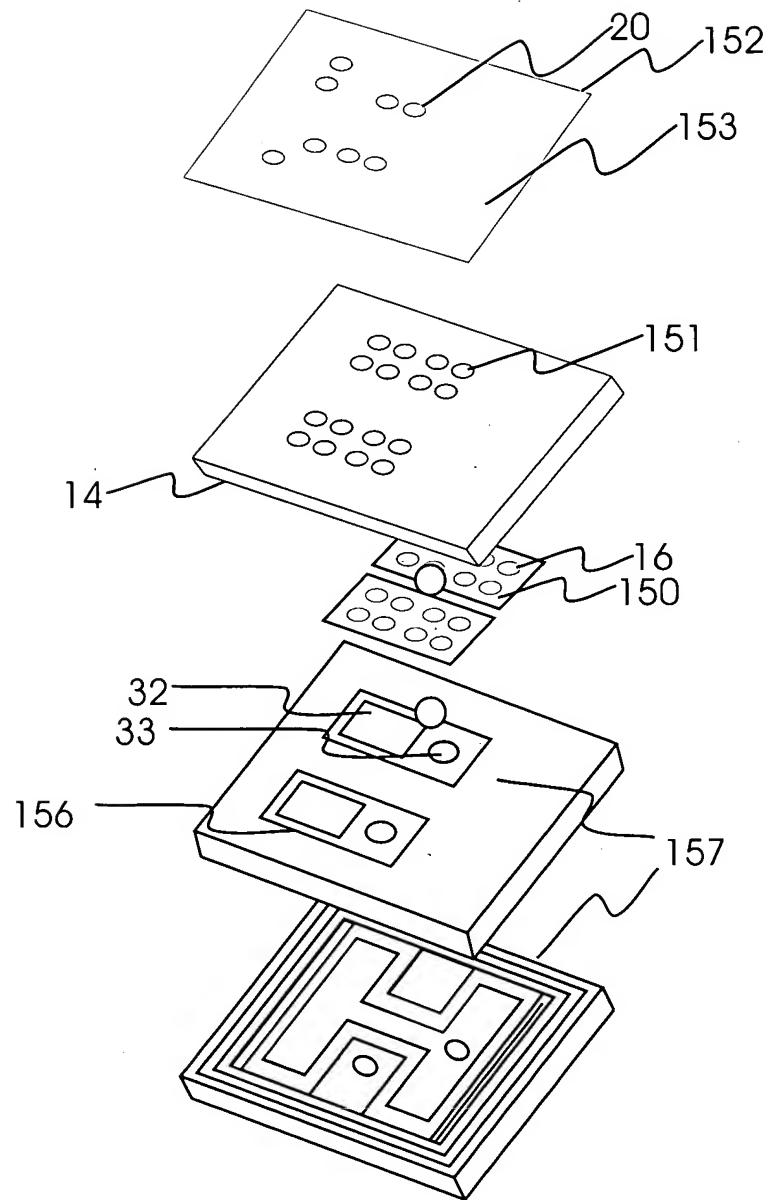


Fig. 3

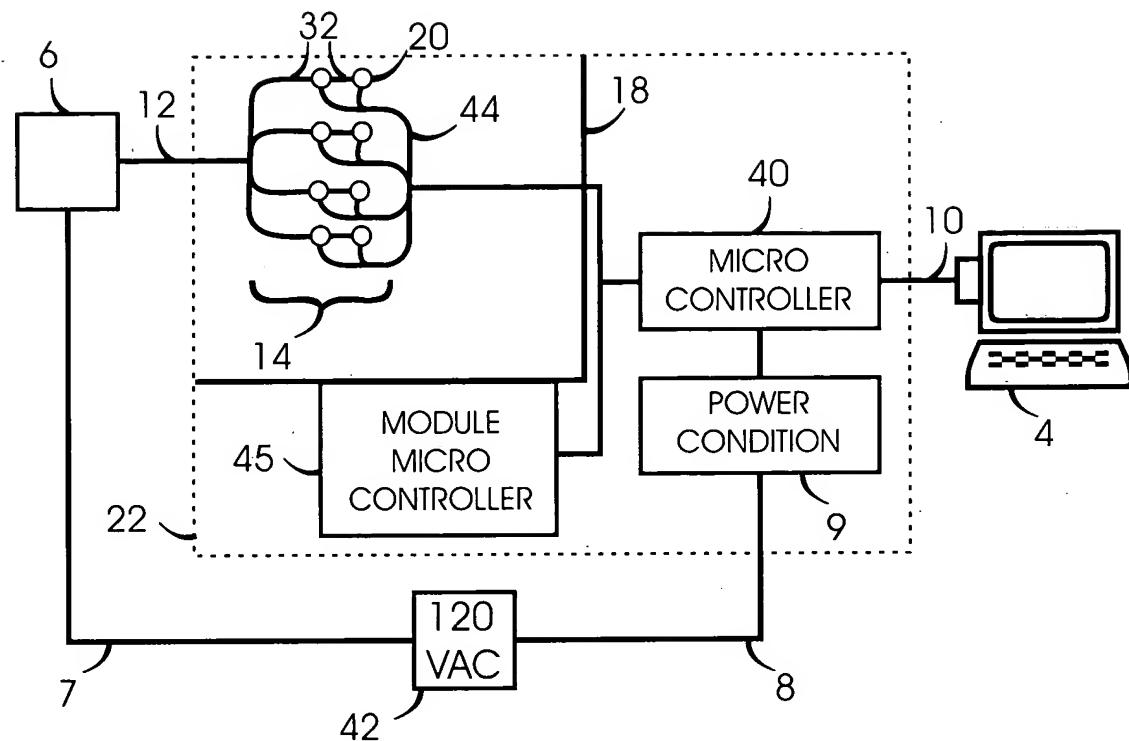


Fig. 4



$t_1$	$t_2$	$t_3$	$t_4$
0	1	1	1
1	0	1	1
1	1	0	1
1	1	1	0

X BRAIL DOT EXTENDED

0 OPEN ELECTRODE VOLTAGE

1 CLOSED ELECTRODE VOLTAGE

	COL 1	COL 2	COL 3	COL 4	COL 5
ROW 1	X				X
ROW 2		X		X	
ROW 3		X			X
ROW 4	X			X	

$t_1$	0	1	1	1	0
$t_2$	1	0	1	0	1
$t_3$	1	0	1	1	0
$t_4$	0	1	1	0	1

Fig. 5

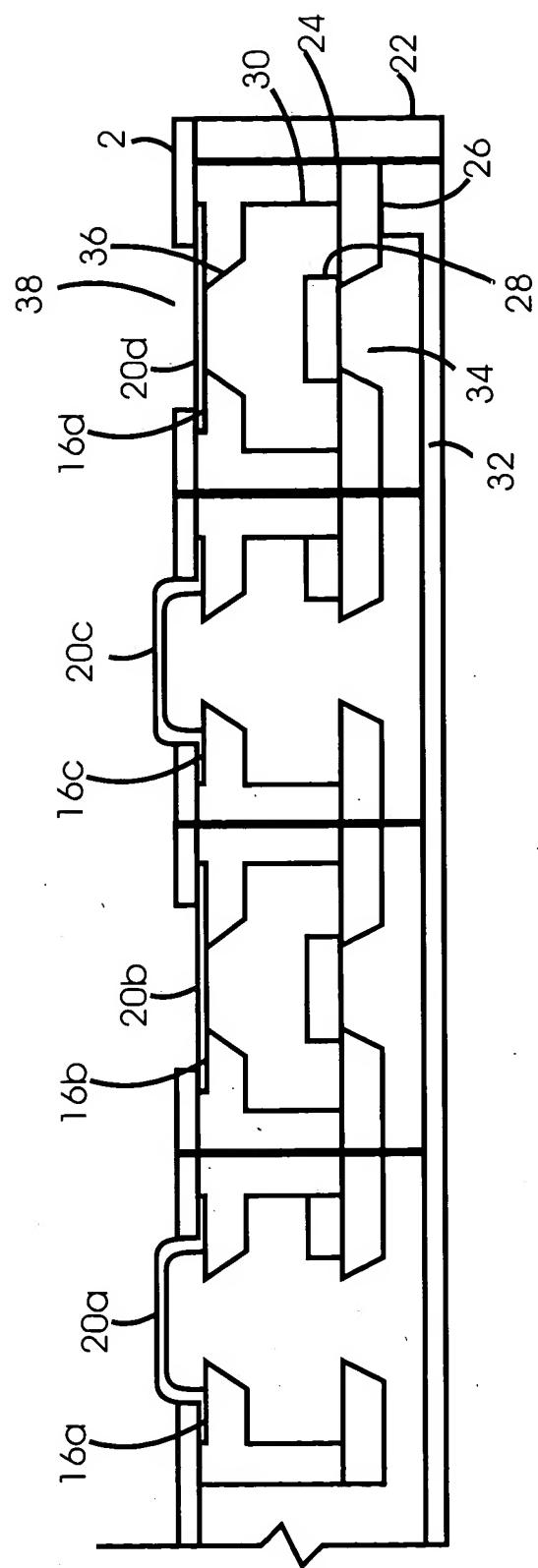


Fig. 6

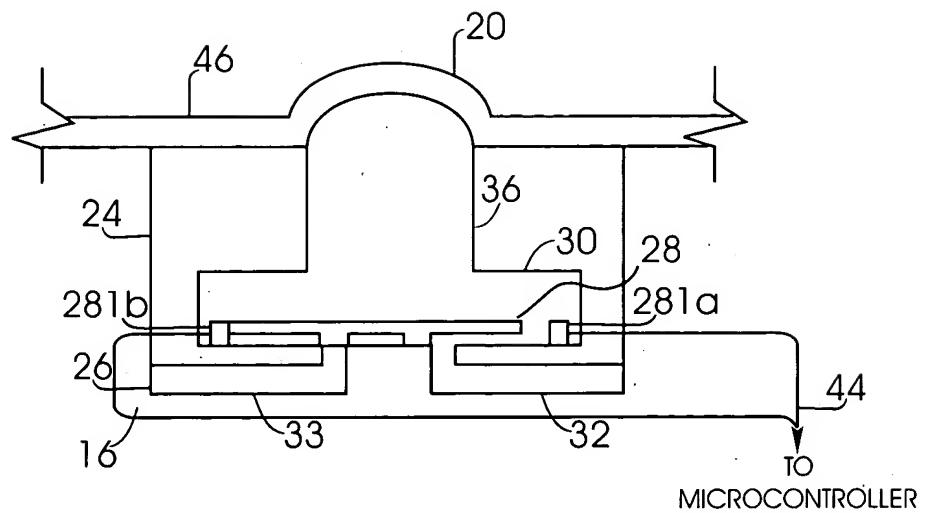


Fig. 7A

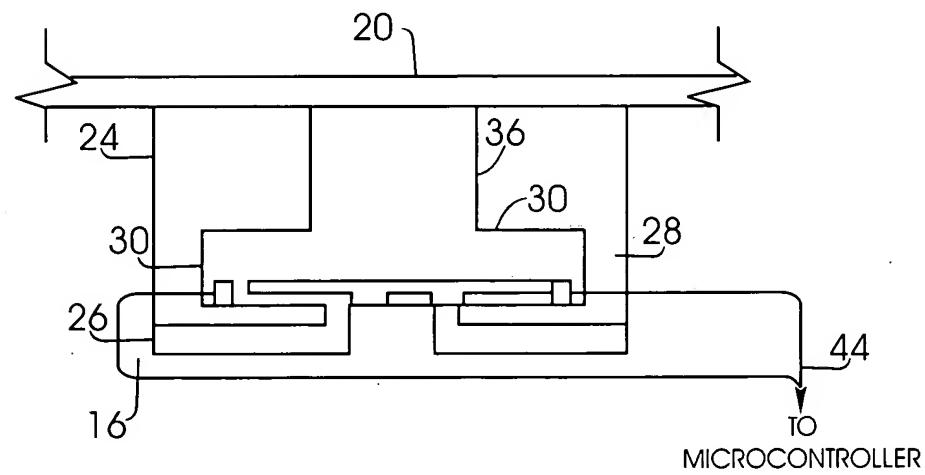


Fig. 7B

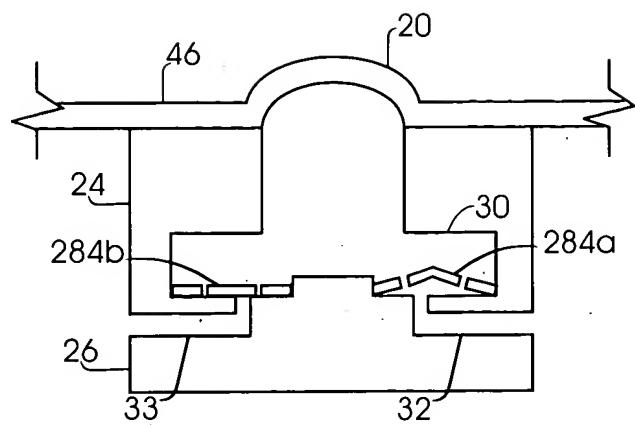


Fig. 8A

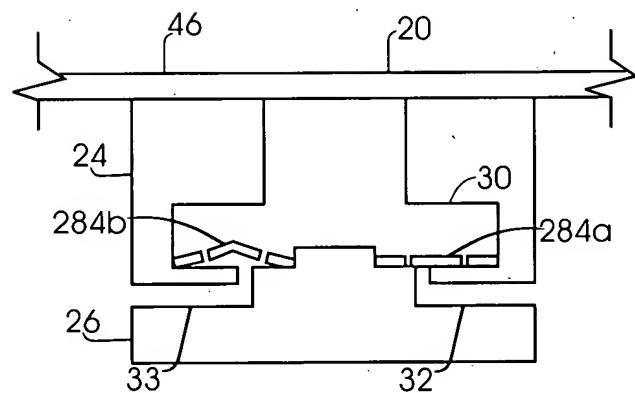


Fig. 8B

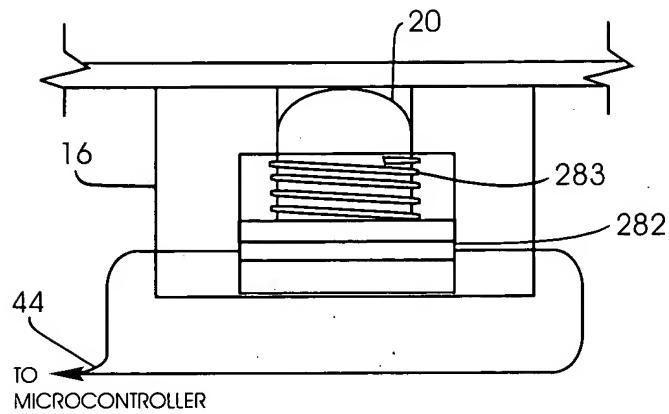


Fig. 9A

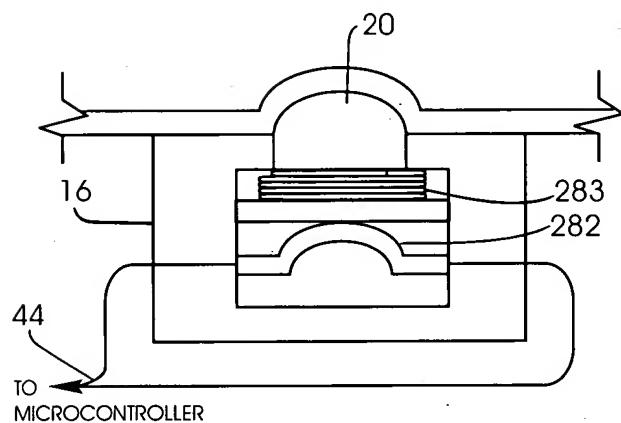


Fig. 9B

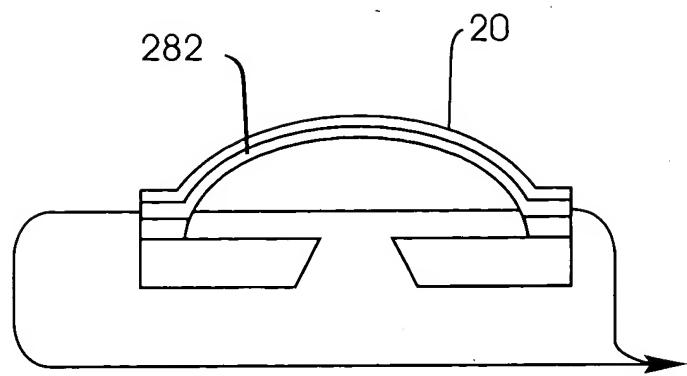


Fig. 10A

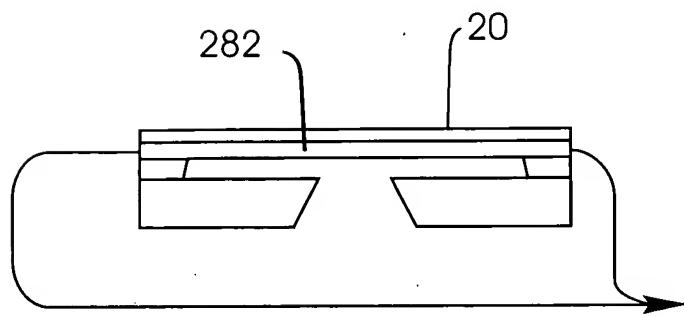


Fig. 10B

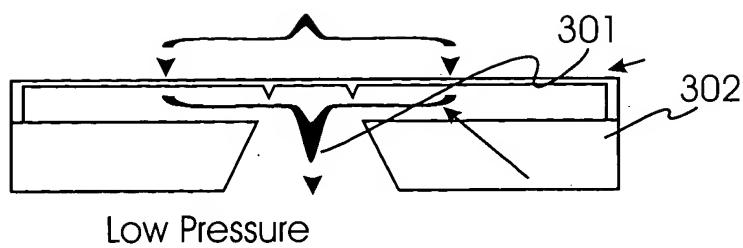


Fig. 11A

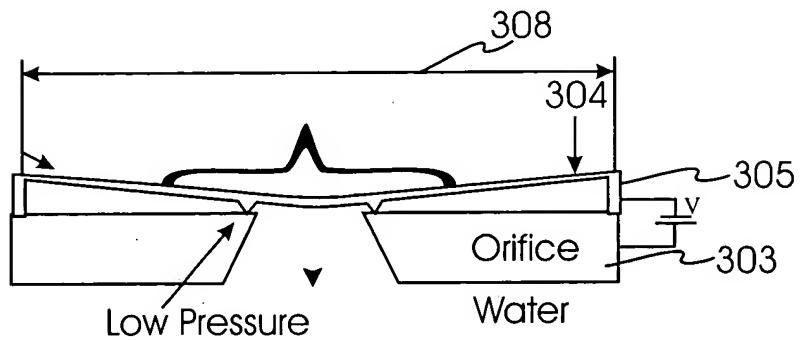


Fig. 11B

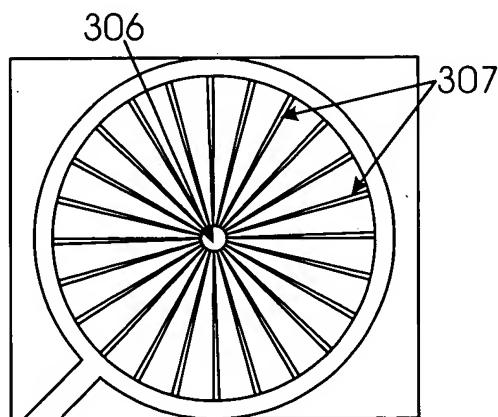


Fig. 11C

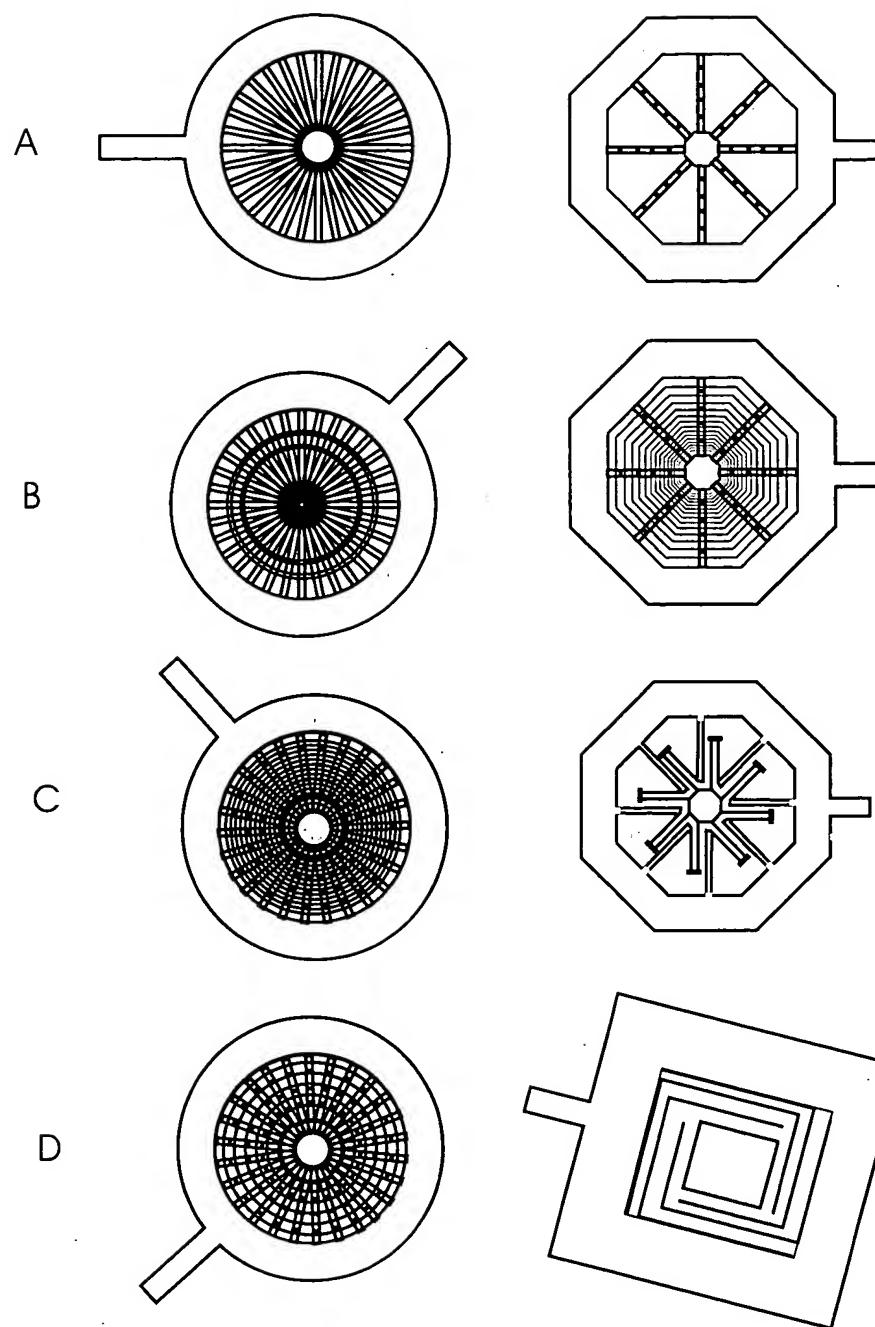


Fig. 12